

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018807.D
 Acq On : 09 Oct 2020 10:31
 Operator : SY/MD
 Sample : L4239-15 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R8

Quant Time: Oct 10 00:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164621	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131830	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.42%
7) Chloroethane-d5	1.58	69	114784	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.12	63	203456	35.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.78%
21) 2-Butanone-d5	3.90	46	217080	118.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.57%
24) Chloroform-d	4.38	84	265849	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	5.06	65	184502	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.07	84	527640	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
36) 1,2-Dichloropropane-d6	6.09	67	174628	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.34	98	468965	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.64	79	81368	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.11	63	125392	105.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208331	53.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	195179	53.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.14%

Target Compounds

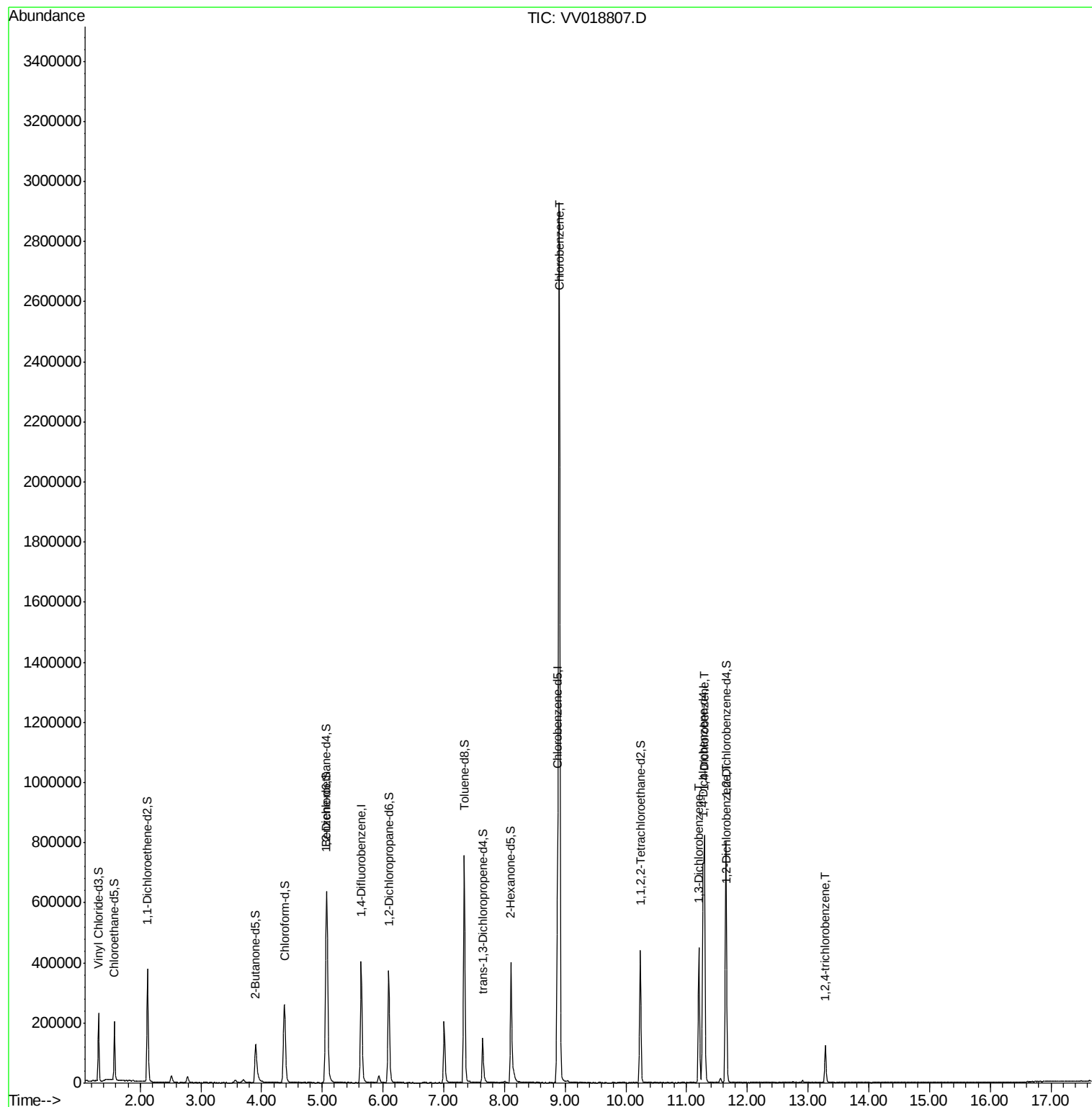
					Ovalue
51) Chlorobenzene	8.90	112	1426774	204.473 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	172964	32.227 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	289163	51.794 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	9821	1.823 ug/L	90
68) 1,2,4-trichlorobenzene	13.29	180	35545	10.874 ug/L	98

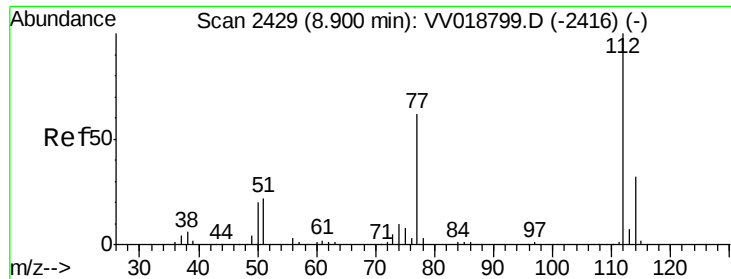
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 204.473 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV018807.D

Acq: 09 Oct 2020 10:31

Instrument :

MSVOA_V

ClientSampleId :

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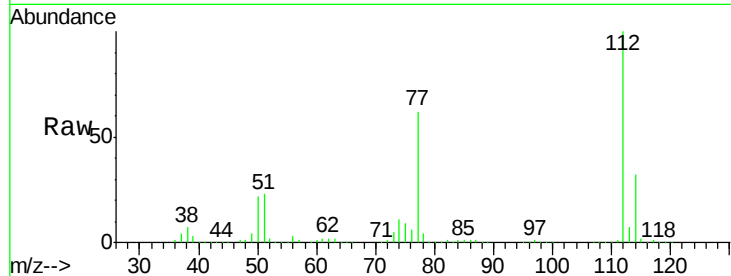
Tot Ion:112 Resp: 1426774

Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

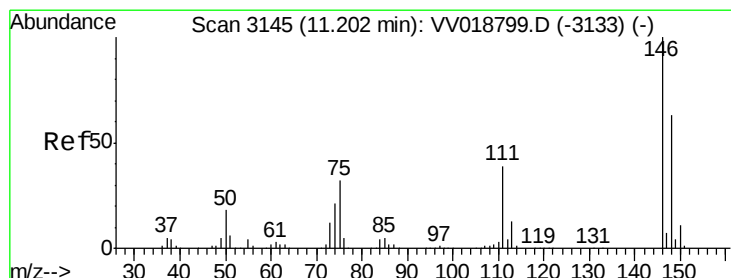
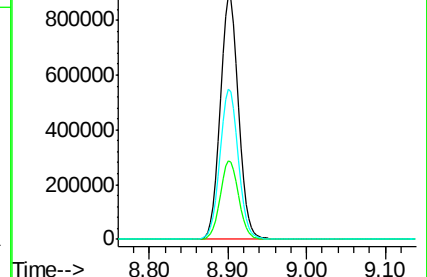
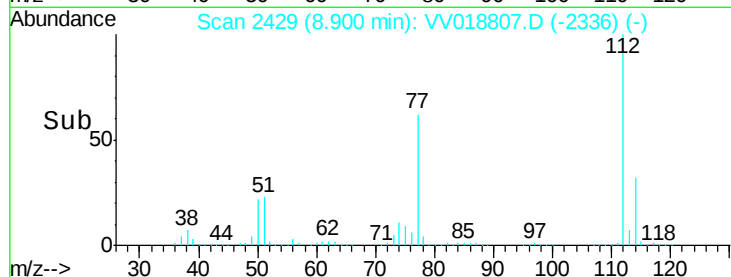
77 61.9 49.8 74.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 32.227 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018807.D

Acq: 09 Oct 2020 10:31

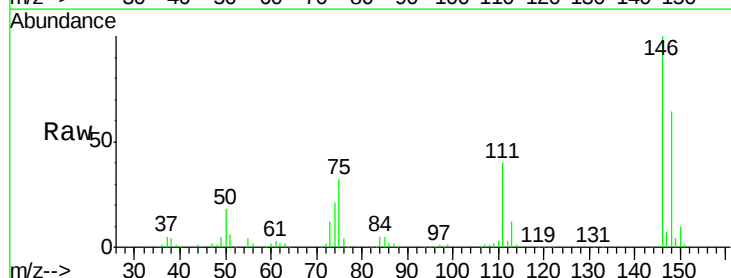
Tgt Ion:146 Resp: 172964

Ion Ratio Lower Upper

146 100

111 40.0 27.8 51.6

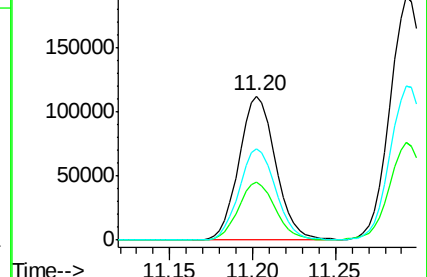
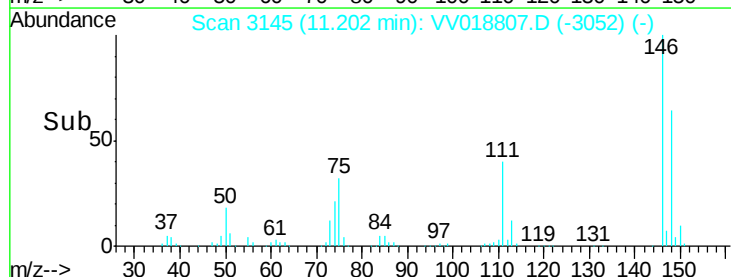
148 63.5 45.4 84.4

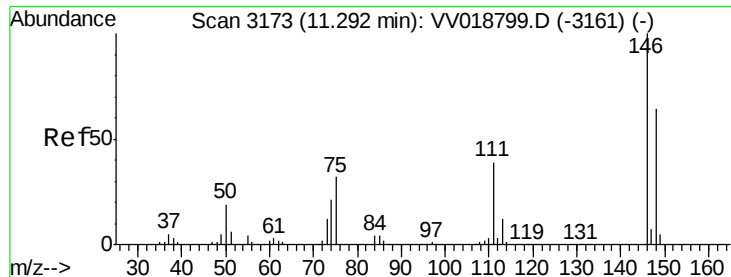


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 51.794 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV018807.D

Acq: 09 Oct 2020 10:31

Instrument :

MSVOA_V

ClientSampleId :

BG3R8

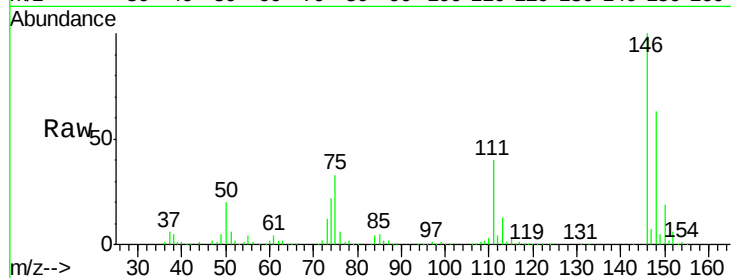
Tot Ion:146 Resp: 289163

Ion Ratio Lower Upper

146 100

111 39.9 27.1 50.3

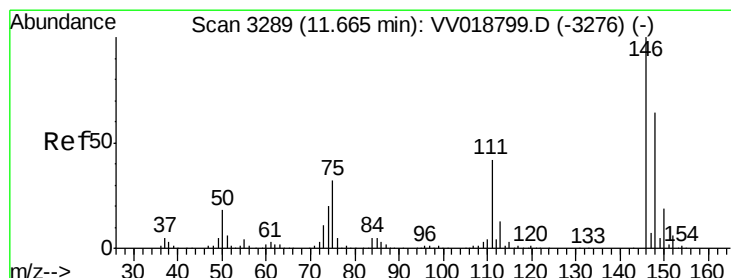
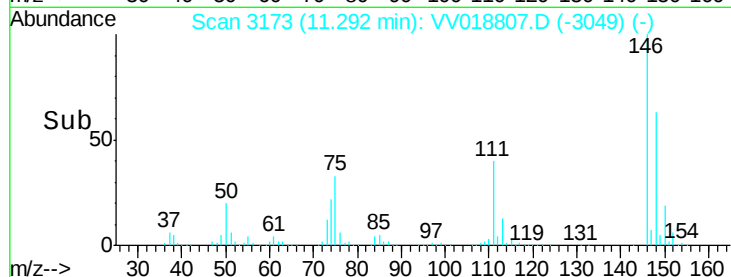
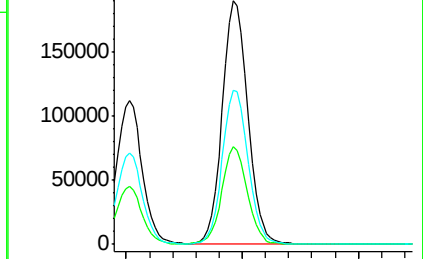
148 63.3 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 1.823 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018807.D

Acq: 09 Oct 2020 10:31

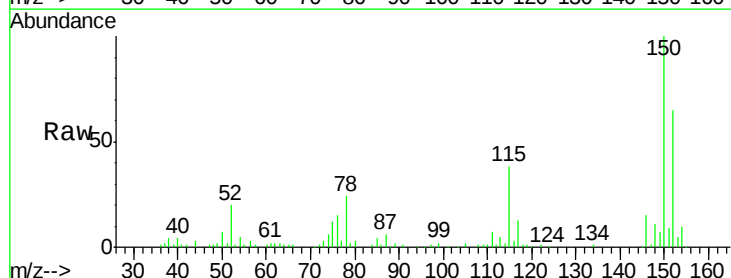
Tgt Ion:146 Resp: 9821

Ion Ratio Lower Upper

146 100

111 48.8 33.8 50.6

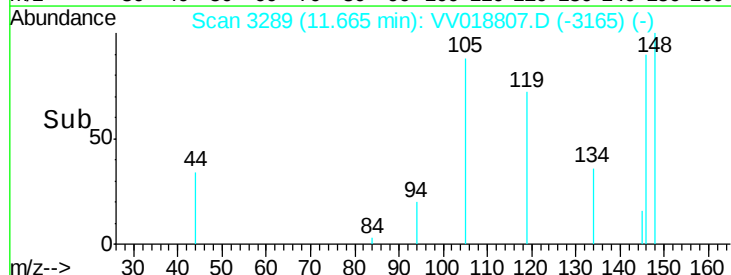
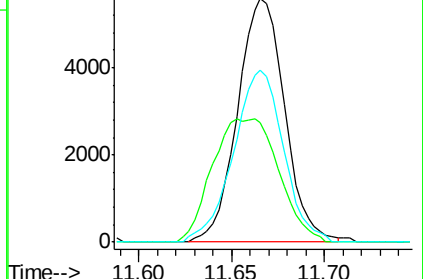
148 70.7 50.3 75.5

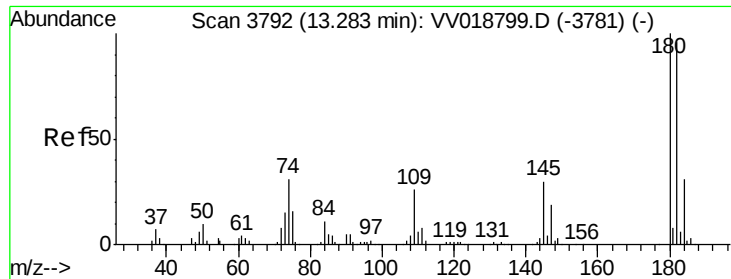


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 10.874 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018807.D

Acq: 09 Oct 2020 10:31

Instrument :

MSVOA_V

ClientSampleId :

BG3R8

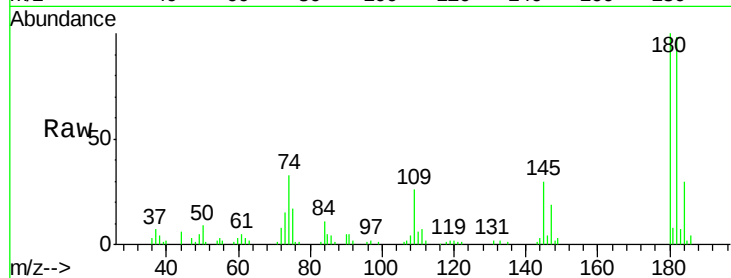
Tot Ion:180 Resp: 35545

Ion Ratio Lower Upper

180 100

182 98.3 76.7 115.1

145 30.6 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

